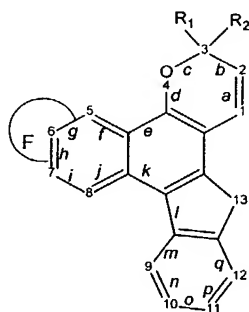


ABSTRACT OF THE DISCLOSURE

A photochromic naphthopyran displays good color distribution when the
5 naphthopyran has a central nucleus of the formula:



wherein F is a 5-member, 6-member, or 7-member heterocyclic ring group having
10 only one heteroatom, the heteroatom selected from the group consisting of
oxygen, sulfur, and nitrogen, the 2,3 or 3,2 positions of the heterocyclic ring
fused to the *g*, *h*, or *i* side;

R₁ and R₂ are the atoms or groups providing photochromic properties to the
15 naphthopyran.